

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/03953

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01J9/24 H01J17/16 H01J17/49

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 738 393 A (KYOCERA CORP) 7 March 1997 (1997-03-07) cited in the application page 8, line 11 - line 23 page 20, line 25 - page 22, line 35; figures 8A,8B ---	1,6,7
A	WO 99 10909 A (MASAKI TAKAKI ;MORIYA GO (JP); ARIZUMI KIWAME (JP); DEGUCHI YUKICH) 4 March 1999 (1999-03-04) & EP 0 935 275 A (TORAY INDUSTRIES INC) 11 August 1999 (1999-08-11) page 5, line 27 - line 34 page 10, line 20 - line 34 page 12, line 54 -page 22, line 33 ---	1,7
P,A	---	1,7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&" document member of the same patent family

Date of the actual completion of the international search

16 June 2000

Date of mailing of the international search report

26/06/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schaub, G

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 99 60446 A (MINNESOTA MINING & MFG) 25 November 1999 (1999-11-25) the whole document	1,7
A	<p style="text-align: center;">---</p> PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 09 012336 A (ASAHI GLASS CO LTD), 14 January 1997 (1997-01-14) cited in the application abstract <p style="text-align: center;">-----</p>	1,7

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2738393 A	07-03-1997	JP 9147754 A	06-06-1997
		JP 9134676 A	20-05-1997
		JP 9259754 A	03-10-1997
		JP 9265905 A	07-10-1997
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